

**SYNTHESIS AND CHARACTERIZATION OF CARBON AEROGELS
DERIVED FROM DIFFERENT POLYMERIC PRECURSORS***

R. W. Pekala
C. T. Alviso

Chemistry and Materials Science Department
Lawrence Livermore National Laboratory
P. O. Box 808
Livermore, CA 94550

ABSTRACT

Aerogels have a unique morphology in that both the covalently-bonded particles of the solid phase and the interconnected pores of the gas phase have nanometer-sized dimensions.

Carbon aerogels are the first electrically conductive aerogels. In this paper, we discuss the chemistry-structure-property relationships of carbon aerogels derived from different polymeric precursors.

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